# The Story of The Sun 1833 to 1918



## Hoax Only Added Prestige to the Penny Paper

and journalism during more than eightly eventful years. The first article the French was published in America to 1833, and of its rapid rise to success. The second began the account of the memorable moon hoax, which made THE SUN famous all over the world.

By FRANK M. O'BRIEN.

SUN MAPPENED 10 DE OF THE RESCRET IELESCOE.

Work came into Britain; but whether the French was published in America to the French was produced in the United or a the moon doubt that it was produced in the United the memorable moon hoax, which made THE SUN famous all over the Elinburgh Journal of Science with moir of that journalist that the narrative was read by Arago to the memorable to the french was produced in the United the genuineness of the extracts from ready the author of "Swallow Barn" tion of the telescope, said Poe, it in the negative. Yet it must be set States by M. Nicollet, an astronomer, down, as a literary curlosity at least, which a gentleman connected with our of a stronomy would have been a different was produced in the United to the telescope, said Poe, it in the negative. Yet it must be set States by M. Nicollet, an astronomer, down, as a literary curlosity at least, which a gentleman connected with our of a stronomy would have been a different was produced in the United to the stronomy of the telescope, said Poe, it in the negative. Yet it must be set States by M. Nicollet, an astronomer, doubt that it was produced in the United to the memorable moon hoax, which made THE SUN famous all over the first article the French was published in There is no doubt that it was produced in the United of the telescope, said Poe, it in the negative. Yet it must be set States by M. Nicollet, an astronomer, doubt that the narra-tive was read by Arago to the memorable moon hoax, which made THE SUN famous all over the first produced in the United to the telescope, said Poe, it in the negative was read by Arago to the doubt that it was produced in the United to the first produced in the United to the first produced in the United to t

On their way out the Yale men heard, perhaps from the "devil," that it would be printed on the morone Locke was interested in the matr of the moon, that he had handled n at the foot of the stairs, smoking his eigar and gazing across City Hall They advanced upon him, and he, less brusk than Mr. Day, told the scientific pilgrims that the supplement was in the hands of a printer

### Yale Men Shunted Away.

As the Yale men disappeared in the direction of the printery Locke started for the same goal and more rapidly. When the Yalensians arrived the rinter, primed by Locke, told them that the precious pamphlet had just tain proofreading was to be done. And so they went from post to pillar until the hour came for their return to New Haven. It would not do to linger in and Elias Loomis were that very day getting their first peep at Halley's comet, about to make the regular apearth every seventy-six year.

Yale was not the only part of intellectual New England to deeply interested in the moon and its Mass., insisted that Edward Everett, article on the subject of the authenmind when he declared that "we know not how soon the mind, in its researches into the labyrinth of nature. would grasp some clue which would generously enthusiastic in panegyrizing lead to a new universe and change not only what they are pleased to denomwould grasp some clue which would

at once translated into illustrated fore, whether these discoveries in the pamphlets, and the caricaturists of harmony of her inhabitants which they laughter that the burlesque man bats singing "Au Clair de la Lune." haste to issue editions of the work.

### Herschel Unaware of Tale.

Meanwhile, of course, Sir John Herschel was busy with his telescope at the Cape, all unaware of his ex panded fame in the North. Weeks of Jamaica, Long Island, the supply of giraffes for his menagerie, great astronomer's hand a clean copy of the pamphlet. To say that Sir John was amazed at THE SUN'S enterprise would be putting it mildly. he was overcome: that he never could been heaped upon him.

Adams Locke had spilled the beaus. There was a reporter named Finn,



Revelation of the Source of the Moor

This is the third of a series of articles narrating the history of THE NEW YORK SUN and giving a vital, intimate view of New York life

but it may have been the cause of an intellectual tumuit at Yale. At all events, a deputation from that college to get extra copies of THE SUN conhurried to the steamboat and came to New York to see the wonderful supplement. The collegians saw Mr. Day

to get extra copies of the sex tons the formula than come to taining the moon story, as the Journal than decided, in justice to its readers. Many intelligent and scientific persons that it must reprint it.

Perhaps at The Sun office, perhaps

"Surely," he replied, "you do not doubt that we have the supplement in Hotel, Finn met Locke, and they went the supplement in the tapreem of the Washington doubt that we have the supplement in the tapreem of the Washington doubt that we have the supplement in our possession? I suppose the magazine is somewhere upsters, but I consider it almost an insult that you should ask to see it."

Should ask to see it." type at the Journal office, it was likely

"Don't print it right away," said "I wrote it myself." Locke. being silently grateful for the warning, denounced the alleged discoveries as Mr. Bennett, who by this time had the Herald once more in runin William street, giving the name and ning order, not only cried "Hoax!" but named Locke as the author

> Probably Locke was glaff that the uspense was over. He is said to have told a friend that he had not intended the story as a hoax, but as satire. he saw the whole country take the marvellous narrative seriously, "that it is an abortive satire, and I am the best self-hoaxed man in the whole

But while THE SUN's rivals denounced the hoax, THE SUN was not quick to admit that it had gulled not only its own readers but almost all the scientific world. Barring the casunl conversation between Locke and Finn, there was no evidence plain pearance with which it favors the enough to convince the layman that it was a hoay. THE SUN fenced lightly and skilfully with all controbe verters. On September 16, more than two weeks after the conclusion of bat-men. The Gazette of Hampshire, the story, it printed a long editorial was then running for Governor, ticity of the discoveries, mentioning had these astronomical discoveries in the widespread interest that had been displayed in them:

Most of those who incredulously regard the whole narrative as a hear are And to a new universe and change the aspect of the world."

Harriet Martineau, who was tourning America at the time, wrote in her "Sketches of Western Travel" that the ladies of Springfield, Mass., subscribed to a fund to send missionaries for the henighted luminary. When The Sux articles reached Paris they were the send to the send missionaries and the send th man-bats going through the streets singing "Au Clair de la Lune." Loncountry which might be happy as a goon. Edinburgh and Glasgow made paradise, which has valleys not less lovely than those of the Ruby Colosseun of the Unicorn or of the Triads, and which has not inferior facilities for social intercourse to those possessed by the vespertiliones homines, or any other

Seen as a Satire. Some persons of little faith but great Adam Forepaugh of his day, was set-fing out for South Africa to get a story," as it is vulgarly called, an adroit fiction of our own, are quite of the opinion that this was the amiable moral which the writer had in view. Other readers, however, construe the whole as an elaborate satire upon the monstrous fabrications of the political press of the country and the various genera and species of its party editors. In the blue he went to Caleb Weeks and said that | goat with the single horn, mentioned as hope to live up to the fame that had of England, many persons fancy they perceive the characteristics of a notori-

> DROCTH. We confess that this idea of intended

PRICE ONE PENNY. NEW YORK, SATURDAY, SEPTEMBER 14, 1888. IBER 11.]

PUBLISHED DAILY.

t of this paper is to lay before the public, at a a the means of every one, ALL THE PEWS OF and at the same time afford an advantageou advertising. The sheet will be enlarged, as

Subscriptions will be received, if paid in advance to of Three Dollars per annum.

FOR NORWALK. The new & spirited low prosteamboat Fairfield, Capt. Curtis k. A. M. Stages will be in readiners on the arrival of the fat Norwalk to cohvey passengers to Saugatock, brt. Fairfield, Bridgeport, Stratford, Milford and tent to Newtown, Southbury, Woodbury and Litchet to Wilton, Danbury, &c.

RSION TO SANDY HOUK AND THE FISHING BANKS. TUESDAYS AND FRIDAYS.

The low pressure steamboat Hercules,
Capt. S. W. Titus, will leave the foot of
at so clock, Catharine etreet at half past 8, and
il dock at 9 o'clock, every Tuesday and Friday,
sed to the Fishing Banks, and return in the afterare. 15 atc. Bast Jurnished on board.

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THROUGH BY DAYLIGHT.

HERSCHEL'S FORTY FEET TELESCOPE.

who make iron funnels for stoves. The concave face of the great mirror is forty-eight inches of

This celebrated wonder of science was con- | feet three inches broad at the bottom, and one structed by Sir W. Herschel, in his grounds at foot two inches at the top, and are capped with Slough, near Windsor. Its proportions were paving stones, about three inches thick, and prodigious. The length of the tube is 30 feet | twelve and three quarters broad. The bottom four inches; it measures 4 feet 10 inches in di- frame of the whole rests upon these two walls ameter, and every part of it is of rolled or sheet by twenty concentric rollers, and is movable upiron, which has been joined together without ri- on a pivot, which gives a horizontal motion to vits, by a kind of seaming well known to those the whole apparatus, as well as to the telescope. [Cubinet of Curineities.

The FIRST ILLUSTRATION EVER PRINTED IN THE SUN HAPPENED TO BE OF THE HERSCHEL TELESCOPE PERHAPS THIS IS WHERE LOCKE GOT HIS MOON HOAX IDEA.

The New York showmen of that day ere keen for novelty, and the moon story helped them to it. Mr. Hanning-"The Lunar Discoveries: a Brilliant tion of the Surface of the Moon, to kidnapped: Which Will Be Added the Reported

this moral spectacle: Hannington forever and still years af-

any other exhibition in this country. panorama was an extravaganza put on by Thomas Hamblin at the Bowery ject, astronomy; both on the same point sensitive or uninformed, for the Theatre and called "Moonshine, or Lu- of that subject, the moon; both professed was at least two centuries old. nar Discoveries." A Sun man went to to have derived exclusive information review it and had to stand up; but he from a foreign country; and both atwas patient enough to stay, and he tempt to give plausibility by minuteness

not believe a word of the whole story, or he would never have taken the liberties he would never have taken the liberties with it which he has. The wings of the man bats and lady bats, who are of ar grange color and look like appeals in the community of the control of man bats and lady bats, who are of all this form, I am bound to do not be orange color and look like angels in the jaundice, are well contrived for effect; seen my article prior to the publication and the dialogue is highly witty and of his own; I am bound to add, also, that ing up a whole flock of winged lunarians with a combustible bundle of Abolition tracts, after vainly endeavoring to catch ital; as are also his puns and jokes upor the splendid scenery of the Ruby Colosamusing thing that has been on these boards for a long time.

Thus the moon eclipsed the regular stars of the New York stage. Even Mrs. Duff, the most pathetic Isabella that ever appeared in "The Fatal Marriage," saw her audiences thin out at the Franklin Theatre. Sol Smith's drolleries in "The Lying Valet," at the

### Poe and Locke-A Curious Parallel

All this time there was a disappointed man in Baltimore; disappointed because the moon stories had caused him to abandon one of the most This was Edgar Allan Poc. and the story he dropped was "Hans Pfaall." In the spring of 1835 the Harpers issued an edition of Sir John Herschel's "Treatise on Astronomy." and Poe, who read it, was deeply interested in the chapter on the possibility of fu- for Poe-who tore up the second in- fer by the comparison. It would apture lunar investigations:

The theme excited my fancy, and the moon; in short, I longed to write story embodying these dreams. The o vious difficulty, of course, was that of accounting for the narrator's acquaintstrious mode of surmounting the diffi culty was the supposition of an extraordinary telescope.

Poe spoke of this ambition to John

once employed by The Sun but later satire somewhat shook our own faith in Pendleton Kennedy of Baltimore, al-

### Poe Thought Idea Stolen.

opposite St. Paul's Church, put on stalment of Locke's moon story ap-The next day the Journal, instead of Illustration of the Scientific Observa- Poe believed that his idea had been

> No sooner had I seen the pape Lunar Observations of Sir John Herschel." Hannington had been showing
> "The Deluge" and "The Burning of
> Moscow," but the wonders of the moon proved to be far more attractive to among others-naw the matter in the proved to be far more attractive to among other, and published the meon story this moral spectacle:
>
> | Side by side with "Hans Pfaall," thinking that the author of the one had been detected in the author of the other.

beautiful dioramas, are far superior to tain that the general features of the two Not less popular than Hannington's are hoaxes-although one is in a tone of of scientific detail. Add to all this, that It is quite evident that Hamblin does nothing of a similar nature had ever not believe a word of the whole story, or been attempted before these two hoaxes. the one of which followed immediately a Voyage Thither by Domingo Gon-

I believe him. Nor can any unbiassed person who Pfaail" suspect that Locke based his noax on the story of the Rotterdam debtor who blew his creditors to bits and salled to the moon in a balloon.

#### than these two products of genium. Called It "Mere Banter."

Poe may have intended to fall back tering," as he described it, but there s not the slightest plausibility about as the great, dark mind could get. Comique des États et Empires de la "Mere banter," as he later described it. Lune." But Bergerae had also later "Hans Pfaall." It is as near to humor dripping pitcher of water, used to the latter being the supposed inspira wake Hans at an altitude where even tion of the fanciful narratives of alcohol would freeze, is enough proof. Rabelais and Swift. if proof at all were necessary, to strip writers influenced Godwin and Wilthe tale of its last shred of verisimili-Grant deceived nine-tenths-the esti-Cape of Good\ Hope.

staiment of "Hans Pfaall" when he "found that he could add very little tyro as against the cunning work of longed to give free rein to it in depict- to the minute and authentic account ing my day dreams about the scenery of of Sir John Herschel"—but the poet to the minute and authentic account took pleasure in later years in pick-

"That the public were misled, even for an instant," I've declared in his "merely proves the gross ignorance of Locke's American contemporaries so prevalent on astronomical topics," expressed in 1883 in a talk with Ed-According to Locke's own descrip- ward P. Mitchell, the answer must be detail is given. There seems to have was really misled by the moon story.

By FRANK M. O'BRIEN.

By FRANK M. O'BRIEN.

The Elliburgh Journal of Science with which a gentleman connected with our office furnished us as "from a medical office furnished us as "from a medical office furnished us as "from a medical form scotland" of measuring lunar mountains of measuring lunar mountains and locke were friends. One of measuring lunar mountains are not interesting to laymen, afternoon Gerard Hallock, who was not interesting to laymen, and interesting to laymen, and interesting to have the moon hoar was not interesting to laymen, afternoon Gerard Hallock, who was not interesting to laymen, and interesting to have the moon hoar was not interesting to laymen.

The Elliburgh Journal of Science with our office furnished us as "from a medical from Scotland" of the fournished us as "from a medical form scotland" of the fournished us as "from a medical from Scotland" of the second of the moon hoar was not his own, and that this book was a not had an ocean on the moon, although it had been established beyond question of telescope construction were so fixed in properties.

The Elliburgh Journal of Science with our office furnished us as "from a medical from Scotland" of the fournished us as "from a medical form scotland" of the fournished us as "from a medical form scotland" of the fournished us as "from a medical form scotland" of the fournished us as "from a medical form scotland" of the fournished us as "from a medical form scotland" of the fournished us as "from a medical form scotland" of the fournished us as "from a medical form scotland" of the fournished us as "from a medical form scotland" of the fournished us as "from a medical form scotland" of the fournished us as "from a medical form scotland" of the fournished us as "from a medical form scotland" of the fournished us as "from a medical form scotland" of the fournished us as "from a medical form scotland" of the fournished us as "from a medical form scotland" of the fournished us as "from a medical form scotland" of the fournished us as "f

Poe wrote the first part of "Hans fiction either in America or Europe." Pfanil" and published it in the South- Whether Locke intended it as satire the College of Louis le Grand. ton, who ran the diorama in the City ern Literary Messenger, of which he or not—a debatable point—it was a Saloon—which was not a barroom but was then editor, at Richmond, Va. hoax of the first water. It deceived an amusement house—on Broadway Three weeks afterward the first inopposite St. Paul's Church, put on peared in THE SUN. At the moment and, as THE SUN pointed out, it hurt mathematical genius he was able to should be told with it nobody-except, perhaps, the feelings assemble for the use of the French life the public mind away from less agree. known and much that he himself disscientists roared, but the public, particularly the New York public, took

cepted it-with a grin. Earlier Suggestions of the Story. terward, say we! His panorama of the Although the details are, with some lunar discoveries, in connection with the exceptions, very dissimilar, still I mainstory the record is nebulous. If Pos As for the inspiration of the moon of Mathematics for the Use of Mariwas really grieved at his first thought that Locke had taken from him the mere banter, the other of downright main imaginative idea -- that the moon by Thomas Hamblin at the Bowery earnest; both hoaxes are on one sub- was inhabited—then Poe was overpoint sensitive or uninformed, for that idea

Francis Godwin, an English bishot and author, who was born in 1565 and who died just two centuries before THE SUN was first printed, wrote "The Man in the Moone, or a Discourse sales, the Speedy Messenger." was published in London in 1638, three years after the author's death.

ook called "The Discovery of a World n the Moone," which contained arguments to prove the moon habitable. reads for purpose of comparison the It was written by John Wilkins-no 'Astronomical Discoveries" and "Hans relative of the fictitious Peter of Paltock's stery, but a young English clergyman who later became bishep of tary of the Royal Society. Two years Chalk and cheese are much more alike later Wilkins added to his "Discovery of a World" a "Discourse Concerning the Possibility of a Passage Thither. Cyrano de Bergerac, he of the long lose and the passion for poetry and

upon "a style half plausible, half ban- duelling later to be immortalized by Rostand, read these products of two Englishmen's fancy, and about 1650 he turned out his joyful "Histoire But Bergerac had also been is better. The very episode of the influenced by Dante and by Lucian. kins also, so the trail, zigzagged and tude. No child of 12 would believe in ramifying, goes back to the second pamphlet first appeared in England. Hans, while Locke's fictitious Dr. century. It is hard to indict a man His "Budget of Paradoxes," a collecfor being inspired, and in the case is Poe's -of those who read the of the moon story there is no evidence narrative of the great doings at the of plagiarism. If "Hans Pfaall" were fully assembled, was published in 1872. to be compared with Locke's story for Locke had spoiled a promising tale hoaxing qualities it would only sufpear as the youthful product of a

#### an artist of almost devilish ingenuity. The Career of Jean Nicollet.

Is there any doubt that the moo story was the sole work of Richard Adams Locke? So far as concerns essay on Locke's writings, the record of THE SUN, the comments thich, ten or twelve years ago, was and the belief of Benjamin H. Day,

sensation-ever made by any similar reau of longitudes and at the same time was professor of mathematics in

### Life Insurance Actuary.

f Dr Dick of Dundee-and it took insurance companies all that was ble matters. Some of the wounded covered of actuarial methods, this being incorporated in his letter to M. "The Moon Hoax; or, The Discovery That Outrequin on "Assurances Having for Their Basis the Probable Duration of lainy just as Sir John Herschel ac- Human Life." He also wrote "Memoirs Upon the Measure of an of Parallel Midway Between the Pole and the Equator" (1826) and "Course publisher informs us that when the hoax

> In 1831 Nicollet failed in speculation, losing not only his own fortune but that of others. He came to the Month. United States, arriving early in 1832. This It is probable that he was in New der the name of A. R. Grant. Sohnke's York, but there is no evidence as to "Ribliotheca Mathematica" confounds the length of his stay. It is known, this Grant with Prof. R. Grant of Glas and that he was assisted by Bishop Chanche of Natchez to go on with to guarantee the discoveries in the his chosen work—an exploration of I hope Adams Locke will not mer the Mississippi and its tributaries. He J. C. Adams, the codiscoverer of the Mississippi and its tributaries. He made astronomical and barometrical tune. Sohnke gives the titles of three French translations of "The Moon Hoax" observations, determined the geo- at Paris, of one at Bordeaux and of Ital graphical position and elevation of ian translations at Parma, Palermo and many important points and studied Milan. Indian lore

> The United States Government was fully master of details, which he has given at length, informs me that "The hat it sent this to the first work has it sent this to the first work." so well pleased with Nicolet's work that it sent him to the far West for York Sun, of which R. A. Locke was ed urther investigations, with Lieut. John C. Fremont as assistant. His recently published by Edgar A. Poe in "Geology of the Upper Mississippi a Southern paper." Adventures of Ham Region and of the Cretaceous Forms. Pfault." that some New York Journals tion of the Upper Missouri" was one published the two side by side. of the results of his journeys. After this he tried, through letters, to regain his lost standing in France by seeking election to the Paris Academy of Sciences, but he was blackballed and broken hearted, he died in Washington in September, 1843.

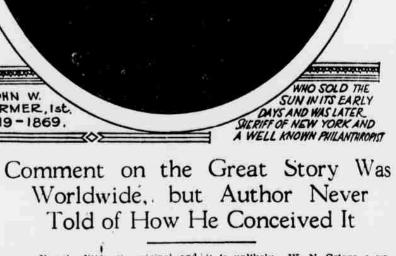
### De Morgan's Notes on Nicollet.

The Englishman who believed that Nicollet was the author of the moon loax was Augustus De Morgan, fathe of the late William De Morgan, the novelist, and himself a distinguished mathematician. He was professor of mathematics at University College, to Europe, I suppose that he took Poe's London, at the time the moon story and made it a basis for his own tion of literary curiosities and puzzles, which he had written but not carethe year after his death. Two fragments, printed separately

in this volume, refer to the moon authority consultable agrees that the heax. The first is this:

"Some Account of the Great Astronom!cal Discoveries Lately Made by Sir John Herschel at the Cape of Good Hope."—Second Edition, London, 12mo, 1836."

This is a curious hoax, evidently written by a person versed in astronomy and clever at introducing probable cirumstances and undesigned coincidences first appeared in a newspaper. It makes J. Herschel discover men, ani- elected to the Chamber of Deputies.



Worldwide, but Author Never Told of How He Conceived It

FARMER, Ist

1819-1869.

of measuring lunar mountains was not interesting to laymen, may have been the cause of an actual turnit at Yale. At all s, a deputation from that college do to the steamboat and came to the visible side of the moon at many the was a protest the two as protest the two as protest that the work of a Frenchman—Jean bank and concerns the moon distance of the steamboat that the visible side of the moon at many that the leaves of the account the work of the steamboat and came to the steamboat that the visible side of the moon at many that the work of a Frenchman—Jean the work of the steamboat that the work of a Frenchman—Jean that the work of a Frenchman—Jean that th

I have no personal knowledge of either man's head, but for the purious through his knowledge and his own the first, it is but right that the second

#### The Second Pragment. The second fragment reads as fol-

the Moon Has a Vast Population Human Beings." By Richard Adams Locke.—New York, 1859.

This is a reprint of the hear already mentioned. I suppose "R. A. Locke" is the name assumed by M. Nicollet. The newspaper the circulation increased five fold, and the paper obtained a permanent footing. Besides this, an edition of 60,000 was sold off in less than one

This discovery was also published un lowever, that he was impoverished gow, the author of the "History of Physi cal Astronomy," who is accordingly made hope Adams Locke will not merge i

> Locke, when he left THE NEW YORK SUN started another paper and discovered the manuscript of Mungo Park, but this did not deceive. The Sun, however, con-tinued its career and had a great success in an account of a balloon voyage from England to America in seventy tive hours by Mr. Monck Mason, Mr. Harrison Ainsworth and others.

#### Credits It to Micollet. I have no doubt that M. Nicollet w.

on in a way which marks the practised observatory astronomer beyond a doubt, and by evidence seen in the mostinute details. Nicollett had an ex-Mr. Locke, it would seem, when he tempted a fabrication for himself, did

In his remark that "there seems ! have been a French edition, the orig. Hope. inal." Augustus De Morgan was undoubtedly misled, for every French tory was first printed in The Ses. The M. Arago whom De Morgan believes Nicollet sought to entrap was Dominique François Arago, the celebrated astronomer. In 1830, as a reward for his many accomplishments he was made perpetual secretary of the Paris Academy of Sciences and n the following year the year of tooke wrote much if Nicoliet's fall from grace he was As to the intimation that Arago

peen a French edition, the original, and it is unlikely. W. N. Grigge, a con-English editions in America, whence the work came into Britain; but whether moir of that journalist that the narra-

he connected himself with an assurance office. The moon story was written and sent to France, chiefly with the intention of entrapping M. Arago, Nicollet's especial foe, into the belief of it. And those who narrate this version of the story wind up by saying that M. Arago was entrapped and circulated the wonders through Paris until a letter from Nicollet to M. Bouvard explained the hoar readers for they are for each of the story to Interest Six readers for they are for each of the story to Interest Six readers for they are for each of the story to Interest Six readers for they are for each of the story to Interest Six readers. readers, for they are far over the last militude to a vart with stripped of the technical trimmings

would have been pretty bald. It was plain to De Morgan Nicollet was one of the few in 1835 who could have we scientific fabric in which the he disguised. It was also appare him that Nicollet, jealous of larity of Arago might have motive for launching a satire hoax. And then there was No presence in America at the Lin moon story's publication knowledge of English and N poverty. The coincidences are at esting if nothing more.

#### French Comments on the Mosa Hoaz.

Let us see what the President about Nicollet and the st. to THE SUN from "a mediman immediately from Soa sketch of Nicollet printed "Blographie Universelle" (3 Paris, 1884), the following appro-

There has been attributed. of a letter dated from the ! Herschel, who was then at much probability 1 With the aid of the

provement Herachel was a urface of the moon live fother interesting thing on of these objects and onomer to attain his pr detailed and covered with science so skilfully apple general public was startled North America hastened to

It has even been said astronomers and physi-try were taken in for weems hardly probable to

Derson. The "Nouvelle Biogr (Paris, 1862) says of 5 He is believed to be to in 1836 on the discovernade by Herschel at the

Cruel, consistent Locks have written down the d conception and birth of the ion that ever spoofed th caves history to wonder to possible that, with one the French biographer w earned and a misches 'ertain it is that Nicellet all of the moon story; cer

flection might have been (Continued on Pollon and I'